



PTO/SB/08a (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

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Substituted Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Substitute for Form 1449A/PTO		Complete if Known	
TJ...REMADE		<i>Application Number</i>	10/827,187
		<i>Filing Date</i>	April 19, 2004
		<i>First Named Inventor</i>	Farshad A. Bavarian, et al.
		<i>Art Unit</i>	1764
(Use as many sheets as necessary)		<i>Examiner Name</i>	Matthew Merkling
Sheet	1	of	2
		<i>Attorney Docket Number</i>	X-0170

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			

Examiner Signature	/Matthew Merkling/	Date Considered	09/20/2007
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Substitute for form 1449B/PTO

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NON-PATENT LITERATURE DOCUMENTS

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**INFORMATION DISCLOSURE
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<i>Examiner Name</i>	

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		Number - Kind Code ² (if known)			
/MJM/	AA	US-2002-0085987 A1	7/4/2002	Yokata	
	AB	US-2002-0110503 A1	8/15/2002	Gittleman et al.	
	AC	US-2003-0113598 A1	6/19/2003	Chow et al.	
	AD	US-2003-0150163 A1	8/14/2003	Murata et al.	
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	AI	US-3,627,478	12/14/1971	Tepper	
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	AK	US-4,360,505	11/23/1982	Sheridan III et al.	
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	AM	US-4,687,650	8/18/1987	Goodell et al.	
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	AO	US-4,749,558	8/7/1988	Bogdanovic	
	AP	US-5,059,408	10/22/1991	Sheih et al.	
	AQ	US-5,080,875	1/14/1992	Bernauer	
	AR	US-6,007,699	12/28/1999	Cole	
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	AT	US-6,454,935 B1	9/24/2002	Lesieur et al.	
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	AV	US-6,682,838	1/27/2004	Stevens	
	AW	US-6,685,762	2/3/2004	Brewster et al.	

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/MJM/	BA	EP 1,187,668 (WO 00/76629)	3/20/2002	Connor et al.		
	BB	JP 2000-273472	10/3/2000	Tatsuo et al.		
	BC	JP 2002-208425	7/26/2002	Yukitaka et al.		

Examiner Signature

/Matthew Merkling/

Date Considered

09/20/2007

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MJM/	CA	Alpay et al., "Combined Reaction and Separation in Pressure Swing Processes," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5845-5864	
	CB	Berty et al., "Beat the Equilibrium," <i>Chemtech</i> , October 1990, pp 624-629	
	CC	Carvill et al., "Sorption-Enhanced Reaction Process," <i>AIChE Journal</i> , Oct. 1996, Vol. 42, No. 10, pp 2765-2772	
	CD	Han et al., "Simultaneous Shift Reaction and Carbon Dioxide Separation for the Direct Production of Hydrogen," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5875-5883 (1995)	
	CE	Heung, L. K., "Separation Using Encapsulated Metal Hydride," U.S. Department of Energy Report No. WSRC-RP-00668, published June 1, 2001	
	CF	Hutton et al., "Sorption-Enhanced Reaction Process for Hydrogen Production," <i>AIChE Journal</i> , Feb. 1999, Vol. 45, No. 2, pp 248-256	
	CG	Kuramoto et al., "Repetitive Carbonation-Calcination Reactions of Ca-Based Sorbents for Efficient CO ₂ Sorption at Elevated Temperatures," <i>Ind. Eng. Chem. Res.</i> , 2003, Vol. 42, pp 975-981	
	CH	Lin et al., "Hydrogen Production from Hydrocarbon by Integration of Water-Carbon Reaction and Carbon Dioxide Removal (HyPr-RING Method)," <i>Energy and Fuels</i> , 2001, Vol. 15, pp 339-343	
	CI	Rizeq et al., "Fuel-flexible gasification-combustion technology for production of H ₂ and sequestration-ready CO ₂ ," Annual Technical Progress Report 2002, October 2002, DOE Award No. DE-FC26-00FT40974, General Electric and Environmental Research Corporation	
	CJ	Saitou et al., "Hydrogen Purification with Metal Hydride Sintered Pellets Using Pressure Swing Adsorption Method," <i>Journal of Alloys and Compounds</i> , Vol. 231 (1995), pp. 865-870	
	CK	Silaban et al., "High Temperature Capture of Carbon Dioxide: Characteristics of the Reversible Reaction Between CaO(s) and CO ₂ (g)," <i>Chem. Eng. Comm.</i> , 1995, Vol. 137, pp 177-190	
▼	CL	Wang, et al., "Hydrogen Purification Using Fluorinated LaNi _{4.7} Al _{0.3} Alloy," <i>Journal of Alloys and Compounds</i> , Vol. 231 (1995), pp. 860-864	
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